

WHAT IS CLAIMED IS:

5. A paper or paperboard core or tube comprising a foamed aqueous adhesive.
6. The core or tube of claim 5 wherein the adhesive is foamed to up to 40% by weight.
7. The core or tube of claim 5 wherein one or more paper or paperboard materials are bonded together with the adhesive.
8. The core or tube of claim 7 which is a single ply core or tube.
9. The core or tube of claim 7 which is a multi-ply core or tube.
10. The core or tube of claim 5 wherein the core or tube is used in the tissue, towel, carpet, textile, plastic film, paper, food or industrial storage industry.
11. The tube of claim 10 which is a food container.
12. The paper core or tube of claim 5 wherein said adhesive is selected from the group consisting of polyvinylacetate homopolymer emulsions and copolymer emulsions, polyvinyl alcohol, dextrans, starches, acrylates, silicates, filled systems, crosslinkables and mixtures thereof.
13. A method for preparing a paper or paperboard core or tube

comprising bonding together one or more plies of paper or paperboard material with a foamed aqueous adhesive.

14. The method of claim 13 wherein the adhesive is foamed to up to 40% by weight.

15. The method of claim 13 wherein the adhesive is applied to the ply material as the core or tube is wound.

16. The method of claim 13 wherein a single ply core or tube is prepared.

17. The method of claim 13 wherein a multi-ply core or tube is prepared.